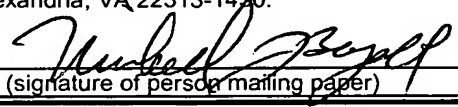
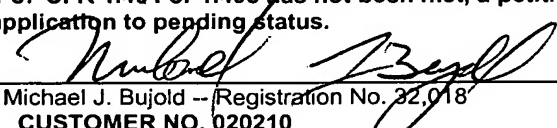


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|--|---|---|--|--|---|
| FORM PTO-1390 (Rev 5-93) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTORNEY'S DOCKET NUMBER NITROS P171US | | | |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 C.F.R.1.5) 10/540,078 | | | |
| INTERNATIONAL APPLICATION NO. PCT/CH2003/000848 | INTERNATIONAL FILING DATE December 24, 2003 | PRIORITY DATE CLAIMED December 24, 2002 | | | |
| TITLE OF INVENTION METHOD AND DEVICE FOR THE GENERATION OF COLD AND HEAT BY MAGNETO-CALORIFIC EFFECT | | | | | |
| APPLICANT(S) FOR DO/EO/US Andrej KITANOVSKI, Peter Williams EGOLF and Osmann SARI | | | | | |
| <p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> 1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> has been transmitted by the International Bureau. (PCT/IB/308 mailed) c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) 6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)), with original drawing(s), is attached. 6. <input type="checkbox"/> The International Application, with paragraph numbering added thereto, is attached. 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11. to 16. below concern other document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98 with PTO/SB/08A/08B. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input type="checkbox"/> A substitute specification w/Marked-Up Version of Amended Specification. 15. <input type="checkbox"/> A change of power of attorney and/or address letter. 16. <input checked="" type="checkbox"/> Other items or information: <table style="width: 100%; border: none;"> <tr> <td style="vertical-align: top; width: 50%;"> <input type="checkbox"/> Preliminary Examination Report <input type="checkbox"/> Annexes to Pre. Ex. Rep. <input type="checkbox"/> International Search Report <input type="checkbox"/> German Novelty Search Report <input type="checkbox"/> ___ copies of citations <input type="checkbox"/> Form PCT/IB/308 <input type="checkbox"/> International Publ. No. _____ (Face page only) </td> <td style="vertical-align: top; width: 50%;"> <input type="checkbox"/> Copy of Request <input type="checkbox"/> Submission of Formal Drawings <input type="checkbox"/> ___ sheets of formal drawings <input type="checkbox"/> Abstract <input checked="" type="checkbox"/> Applicant Claims Small Entity Status <input type="checkbox"/> Copy of Notification of File Missing Parts <input type="checkbox"/> German Language Specification </td> </tr> </table> | | | | <input type="checkbox"/> Preliminary Examination Report <input type="checkbox"/> Annexes to Pre. Ex. Rep. <input type="checkbox"/> International Search Report <input type="checkbox"/> German Novelty Search Report <input type="checkbox"/> ___ copies of citations <input type="checkbox"/> Form PCT/IB/308 <input type="checkbox"/> International Publ. No. _____ (Face page only) | <input type="checkbox"/> Copy of Request <input type="checkbox"/> Submission of Formal Drawings <input type="checkbox"/> ___ sheets of formal drawings <input type="checkbox"/> Abstract <input checked="" type="checkbox"/> Applicant Claims Small Entity Status <input type="checkbox"/> Copy of Notification of File Missing Parts <input type="checkbox"/> German Language Specification |
| <input type="checkbox"/> Preliminary Examination Report <input type="checkbox"/> Annexes to Pre. Ex. Rep. <input type="checkbox"/> International Search Report <input type="checkbox"/> German Novelty Search Report <input type="checkbox"/> ___ copies of citations <input type="checkbox"/> Form PCT/IB/308 <input type="checkbox"/> International Publ. No. _____ (Face page only) | <input type="checkbox"/> Copy of Request <input type="checkbox"/> Submission of Formal Drawings <input type="checkbox"/> ___ sheets of formal drawings <input type="checkbox"/> Abstract <input checked="" type="checkbox"/> Applicant Claims Small Entity Status <input type="checkbox"/> Copy of Notification of File Missing Parts <input type="checkbox"/> German Language Specification | | | | |
| CERTIFICATION UNDER 37 CFR 1.10 | | | | | |
| <p>I hereby certify that this Transmittal Letter and the papers indicated as being transmitted therewith is being deposited with the United States Postal Service on this date July 26, 2005 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number <u>EV 622271766</u> <u>US</u> addressed to the: Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.</p> | | | | | |
| <u>Michael J. Bujold</u> (typed or printed name of person mailing paper) | |  (signature of person mailing paper) | | | |

| 17. ■ The following fees are submitted: | | | | CALCULATIONS | PTO USE ONLY |
|---|--------------|--------------|------------|---------------------------|--------------|
| Basic National Fee (37 CFR 1.492(a)(5)): Search Report has been prepared by the EPO or JPO \$1000.00 International preliminary examination fee paid to USPTO (37 CFR 1.492)(a)(1) .. \$750.00 No international preliminary examination fee paid to USPTO (37 CFR 1.492)(a)(2) but international search fee paid to USPTO (37 CFR 1.445(a)(2)). \$790.00 Neither international preliminary examination fee (37 CFR 1.492)(a)(3) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$1,110.00 International preliminary examination fee paid to USPTO (37 CFR 1.492)(a)(4) and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT = | | | | 0 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | 130 | |
| Claims | Number Filed | Number Extra | Rate | | |
| Total Claims | -20 = | 0 | x \$ 50.00 | 0 | |
| Independent Claims | -3 = | 0 | x \$200.00 | 0 | |
| Multiple dependent claim(s) (if applicable) | | | + \$360.00 | 0 | |
| TOTAL OF ABOVE CALCULATIONS = | | | | 130 | |
| Reduction by 1/2 for filing by small entity, if applicable. Applicant Claims Small Entity Status. (Note 37 CFR 1.9, 1.27, 1.28). | | | | 65 | |
| SUBTOTAL = | | | | 65 | |
| Processing fee of \$130.00 for furnishing the English translation later the <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | 0 | |
| TOTAL NATIONAL FEE = | | | | 0 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | 0 | |
| TOTAL FEES ENCLOSED = | | | | 65 | |
| 07/19/2005 ATRAN1 00000057 10540078 01 C:2617 65.00 0P | | | | Amount to be: refunded | \$ |
| | | | | charged | \$ |
| a. ■ A check in the amount of \$ <u>65</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. <u>04-0213</u> in the amount of \$ <u> </u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. ■ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>04-0213</u> . A duplicate copy of this sheet is enclosed. | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | | | | |
| SEND ALL CORRESPONDENCE TO:  Michael J. Bujold -- (Registration No. 32,018) CUSTOMER NO. 020210 Davis & Bujold, P.L.L.C. Fourth Floor 500 North Commercial Street Manchester, NH 03101-1151 Telephone (603) 624-9220 Telefax (603) 624-9229 | | | | | |